

Economic Aspects of the Technological Advances
in the Development of the German Brown Coal
Industry, by H. Blohm.
GERMAN, per, Brunkohle Wärm Energie, Vol 3,
Nos 11-12, 1951, pp 212-220
SEC

sci/ fuels & prop
aug 69

388,065 695

Gärtner, Erwin.

THE INTRODUCTION OF A HEAVY RAIL SECTION
AND THE TECHNICAL DEVELOPMENT OF THE
SHAPE OF THE SUPERSTRUCTURE IN OPEN-PIT-
MINING OF LIGNITE, PTS 1-2. [1963] 55p.
Order from SLA \$5.60

63-16126

Trans. of Braunkohle, Wärme und Energie (West
Germany) 1953 [v. 3] no. 1/2, p. 1-12; no. 3/4,
p. 49-60.

DESCRIPTORS: *Lignite, *Mining engineering, *Rail-
road tracks, Mechanical properties, Load distribution.

(Engineering, TT, v. 10, no. 8)

63-16126

1. Title: Open-pit mining
1. Gärtner, E.

Office of Technical Services

Metallurgical Coke From Brown Coal, by A. Than.

GERMAN, per, Braunkohle, Wärme und Energie,
Vol V, 1953, pp 12-20.

MM/T378

Sci
Feb 63



Gold, Otto.
THE FIRST OPEN PIT LIGNITE MINE IN ITALY
NEAR CASTELNUOVO, SOUTH OF FLORENCE.
[1963] 35p. (figs. omitted).
Order from SLA \$3.60

63-16204

Trans. of special reprint of Braunkohle, Wärme und
Energie (West Germany) 1956 [v. 8] no. 9/10,
p. 165-174; no. 11/12, p. 221-227.

DESCRIPTORS: *Coal mines, *Italy, *Mining
engineering, *Economic geology, Mining equipment,
Design, Operation, *Lignite.

(Earth Sciences--Geology, TT, v. 10, no. 4)

63-16204

1. Gold, O.

Office of Technical Services

The Gelation (Gelification) on Conversion of
Soft Brown-Coal to Hard Brown-Coal, by
H. Stach.

GERMAN, per, Braunkohle Wärme und Energie,
Vol X, 1978, pp 163-165.

Dept of Interior

Sci
Feb 68
Vol III, No 11

182,793

Recovery and Properties of Bitumens and Humic
Acids From Petrographically-Defined Brown-
Coal, by A. C. Kroger, F. W. Waite, et al.

GERMAN, DFR, Braunkohle Wärme und Energie,
Vol. X, 1978, pp 193-205.

Dept of Interior

Sci
Feb 62
DOI Vol. III, No 11

182.790

Zimmermann, Bernhard.
PLANNING AN OPENING UP OF SURFACE MINING
AT INDEH. [1963] 27p. (figs. omitted) 5 refs.
Order from SLA \$2.60 63-16203

Trans. of Braunkohle, Wärme und Energie (West
Germany) 1959, v. 11, no. 1, p. 1-14.

DESCRIPTORS: *Mining engineering, *Coal mines,
Well drilling, Geological survey, Preparation,
Mining equipment.

(Earth Sciences--Geology, TT, v. 10, no. 4)

63-16203

1. Zimmermann, B.

Office of Technical Services

Steinbrecher, Hans.
REFINING OF MINERAL OILS BY COLD FRACTION-
ATION. 12 May 31, 15p. 15 refs.
Order from SLA \$1.60

63-10432

Trans. of Braunkohlenarchiv (Germany) 1920, no. 31,
p. 1-10.

DESCRIPTORS: *Mineral oils, *Fractionation,
Temperature, Benzene, Hydrocarbons, Solvents,
Alcohols, Chemical analysis, Petroleum.

(Engineering--Chemical, TT, v. 10, no. 1)

63-10432

I. Steinbrecher, H.

Office of Technical Services

Quantitative Conclusions Drawn From Conveyor-
Belt Measurements: A Supplementary Basis for
Calculation, by A. Vierling.

GERMAN, per, Braunkohle, Vol XI, No 11, Jul 1959,
pp 253-259.

WCB A.1895
S.847

Set

Aug 61

List No 41

163571

The Conveying Machinery in the Frechen Open
Cut Mine B. Mechanical Assemblage, by
W. Mordstein, 2 pp.

GERMAN, per, Braunkohle, Wärme und Energie,
No 11, 1959, pp 435, 462.

Broken Hill Proprietary
Co Ltd (CRL/T.440)

Sci
Nov 61

Comparing Different Methods for Pneumatic Ash
Removal, by R. Nagel, R. Ibing.

GERMAN, per, Braunkohle Wärme und Energie,
Vol XII, Feb 1960, pp 53-59.

BISI 2230

Sci - Engr

171, 417

Oct 61

Pneumatic Transport of Ash, by H. Trenkler.

GERMAN, part, Braunkohle Wärme und Energie,
Vol XII, Feb 1960, pp 59-64.

BISI 2231

Sci - Engr

Jul 61

161,032

~~SECRET~~ Conversion of the Pneumatic Ash Removal Plant at the Goldenberg Works, Knapsack, From Pressure Screw Conveying To ■ Automatic Pressure Tank Conveying and the Automatic Operation of a Hydraulic Ash Removal Plant, by Obering.

GERMAN, per, Braunkohle, Wärme und Energie, Vol XII,
Feb 1960, pp 69-72.

Dept of Interior
Tr No 1726

Sci

Jan 63

The Ash Removal Plant at the DKW Schwandorf, by
Fritz Beer.

GERMAN, per, Braunkohle, Warme und Energie, Vol XII,
Feb 1960, pp 73-75.

Dept of Interior
Tr No 1725

Sci

Jan 63

Jacob, H.
XYLITE: CERTAIN CRITICAL CONSIDERATIONS
WITH RESPECT TO ITS DEFINITION AND METH-
ODS OF DETERMINATION (Xyllite Einige Kritische
Bemerkungen Hinsichtlich Definition und
Bestimmungsmethodik). [1961][25]p. (foreign text
included) 11 refs.
Order from SLA \$2.60

Trans. of Braunkohle [Wärme und Energie] (West
Germany) 1961 [V. 13] no. 7, p. 276-282.

DESCRIPTORS: *Coal, Separation, *Wood, Combustion,
Carbonization, Mining engineering, Solvent
extraction.

(Engineering--Chemical, TT, v. 7, no. 8)

62-10210

1. Jacob, H.

201317

Office of Technical Services

New standards for the Drawing Offices Of the Rhine-
land Brown Coal Open Cuts, by E. Macke.

GERMAN, per, Braunkohle Warme Energie, Vol 14, No 1,
1962, pp 10-13.

SEC

Sci -
Sep 67

340,033

LUBRICH, W. Repair problems with conveyer belts.
Braunkohle Wärme Energie (8):293-301; (9):349-61 (1963)
(CRL/D.1009)

Filling of Beer into Cars,

GERMAN, per, Brouwelt, Vol XCV, No 14-15, p 168.

ASLIB-GB56

Sci

Jul 59

92,566

Research Report on Practical Experiences in
Connection With Hot Bottling Processes for
Beer, by K. Rusack, 12 pp.

GERMAN, per, Brauwelt, No 33-B, April 25, 1958,
pp 593-596.

Dept of Commerce
Patent Office
Sci. Lib

178,924

Sci - Engr

Experience With the Use of Gibberellic Acid in
Small-Scale Malting and in Practice, by W. Kleber,
M. Lindemann,

GERMAN, per, Brauwelt, Vol C, No 30/31, 1960,
pp 542-547.

GB/39

Sci
Dec 62

Enari, T. M., Nummi, M., and Nikola, J.
A RAPID METHOD FOR THE DETERMINATION OF
PROTEIN IN BARLEY. [1960] 4p. 3 refs.
Order from SLA m\$1.80, ph\$1.60

61-10152

Trans. of BRAUNNSCHAFT (West Germany) 1960,
v. 13, p. 91-92.

148,496

61-10152

1. Proteins--Determination
2. Cereals--Chemical analysis
- I. Enari, T. M.
- II. Nummi, M.
- III. Nikola, J.

Office of Technical Services

(Food, TT. v. 5, no. 7)

Quantitative determination of Carbon Dioxide in
Beer, Pt 2, by E. Schild, F. Brenner.
GERMAN, per, Brauwissenschaft, Vol 16, No 10,
1963, pp 10-404
CRL/T. 2406

Sci -
Sep 67 340,230

Concerning the Attackability of Metals by Crude Tar
Phenols, by U. Ehrhardt, G. Pfleiderer, 1 p.

GERMAN, par, Brennstoff-Chem. Vol II, No 1, 1 Jan
1921, p 9.

SLA 1959

Sci - Chemistry
Sep 57

53,977

Fischer, Franz and Zerbe, Carl.
SUITABILITY OF LIGNITE COKE AS ACTIVE
CARBON [1961] 14p 7 refs
Order from SLA \$1.60

TT-64-14684

Trans. of Brennstoff-Chemie (West Germany) 1923, v. 4,
no. 23, p. 353-357.
Another trans. is available from K-H \$17.50 as
K-H-3411-b [1962] 14p.

(Materials, TT, v. 11, no. 11)

TT-64-14684

I. Fischer, F.
II. Zerbe, C.

Office of Technical Services

Purification of Crude Benzole, by M. Dunkel.

GERMAN, per, Brennstoff-Chemie, Vol V,
1924, pp 145-149.

OSIRO

Sci - Chem

Apr 62

192,711

The Carbonized Value of Coal and Its Relation to
Age and State of Weathering, by H. Stachs, A.
Brandl.

GERMAN, per, Brennstoff-Chemie, Vol I, 1926,
pp 361-364.

Dept of Int,
Bur of Mines,
Lignite Exp Sta,
Grand Forks, N Dakota.

Sci - Chem
Nov 58

76,636

Concerning the Oxidation of Various Types of
Bituminous Coals at Various Temperatures, by
D. J. W. Kreulen, 8 pp.

GERMAN, per, Brennstoff-Chem, Vol VIII, No 15,
1 Aug 1927, pp 241-244.

SLA Tr 1942

Sci - Fuels
Jul 57

50, 019

Concerning the Pressure Extraction of
Bituminous Coal With Tetralin, by E. Berl,
H. Schildwachter, 28 pp.

GERMAN, per, Brennstoff-Chem., Vol IX, No 7,
1 Apr 1928, pp 105-113.

S.L.A. Tr 1843

Sci - Engineering
Apr 57

47,372

Concerning the Influence of the Bitumen
Recovered by the Pressure Extraction With
Tetralin Upon the Coking of Coal, by E. Berl,
H. Schildwachter, 5 pp.

GERMAN, per, Brennstoff-Chem., Vol IX, No 8,
15 April 1928, pp 121, 122.

S.L.A. Tr 1844

Sci - Engineering
Apr 57

47,381

Composition of Products Obtained in Synthesizing
Petroleum, by P. Fischer, H. Tropsch.

GENEVA, per, Brennstoff-Chemie, Vol II, Nos 21-24,
Basel, 1928.

Dept of Interior
US Bur of Mines
Central Experiment Station
Pittsburgh, Pa. Tr 74

Sci - Chem

87, 605

May 59

Hofmann, Fritz and Lang, Karl.
ON THERMAL REACTIONS OF PURE ORGANIC
SUBSTANCES UNDER HIGH HYDROGEN PRESSURE.
[1964] Sp 9 refs
Order from SLA \$1.10

TT-64-10773

Trans. of Braunstoff-Chemie (Germany) 1929, v. 10,
no. 10, p. 203-205.

(Chemistry--Physical, TT, v. 12, no. 3)

TT-64-10773

I. Hofmann, F.
II. Lang, K.

Office of Technical Services

Peters, Kurt and Meyer, Karl.
THE THERMIC FORMATION OF ACETYLENE FROM
METHANE. [1963] [13]p. (figs. refs. omitted).
Order from SLA \$1.60 [63-14226

Trans. of Brennstoff-Chemie (Germany) [1929] v. 10,
no. 16, p. 324-329.

DESCRIPTORS *Acetylenes, *Methanes, Heating,
Synthesis (Chemistry), Pyrolysis, *Chemical equilib-
rium, Thermochemistry, Statistical data

(Chemistry--Physical, TT, v. 10, no. 3)

63-14226

I. Peters, K.
II. Meyer, K.

SLA # 64-85089

Office of Technical Services

New Instruments for the Detection of Gases and
Vapors in Air, by G. Schmitt.
GERMAN, par, Brennstoffe Chemie, Vol 10, No 23,
1929, pp 461-463.
MLL Ref: 8313.4 (5584)

Sci/Meth&Equip
Apr 69

380,222

The Low Temperature Carbonization of Bituminous
and Brown Coal in a Gas Atmosphere With Increased
Pressure, by F. Fischer, T. Bahr, H. Sustmann.

GERMAN, per, Brennstoffe Chemie, Vol XI, 1930; pp 1-9.

Dept of Interior
TN7, E57, No 318

Sci - Fuels
Oct 60

128,681

63-10059

I. Waksman, S. A.

Waksman, Selman A.
THE CHEMICAL COMPOSITION OF PEAT COMPONENTS AND KINDS OF PEAT AND THEIR METHODS OF INVESTIGATION (Die Chemische Zusammensetzung von Torfbildern und Torfarten und ihre Untersuchungsmethode). [1962] [19]p. (foreign text included) 18 refs.
Order from SLA \$1.60

63-10059

Trans. in manuscript of Brennstoff-Chemie (Germany) 1930, v. 11, no. 14, p. 277-281.

DESCRIPTORS: *Peat, Chemical analysis, Organic materials, Plants, Decomposition.

(Chemistry--Analytical, TT, v. 9, no. 9)

Office of Technical Services

Tropsch, Hans.
REGARDING THE CATALYTIC REDUCTION AND
HYDROGENATION OF PHENOLS WITH HYDROGEN
UNDER PRESSURE. 27 Jan 31 [14]p. 11 refs.
Order from SLA \$1.60 63-10445

Trans. of Brennstoff-Chemie (Germany) 1930, v. 11,
no. 22, p. 449-452.

DESCRIPTORS: *Phenols, Reduction, *Hydrogenation,
Hydrogen, Pressure, *Catalysts, *Molybdenum,
*Nickel catalysts.

Molybdenum, even in the form of a sulphide, proved
to be the most suitable catalyst for the reduction of
creosols and caused an almost complete conversion
into hydrocarbons. Nickel is also a good catalyst but
is readily poisoned by sulphur. During the reduction
of phenol also a partial hydrogenation of the formed
(Chemistry--Organic, TT, v. 9, no. 8) (over)

63-10445

I. Tropsch, H.
II. Title: Catalytic ...

Office of Technical Services

Theory and Practice of the Biological Depoisoning
of Illuminating Gas, by F. Fischer, et al.

GERMAN, par, Brennstoff-Chemie, Vol XI, Essen,
1930, pp 452-455.

Dept of Interior
US Bur of Mines
Central Experiment Station
Pittsburgh, Pa. Tr 2

Sci - Chem

May 59

87, 606

WHEINSTOFF-CHEMIE

1930 V11 N25 P273-276	70-20610 <*>
1931 V12 N14 P268-273	70-20609 <*>
1938 V19 P277-285	70-23742 <*>
1949 V30 N13/4 P226-234	70-22583 <*>
1956 V37 N15 P232-233	89-10147 <*>
1956 V39 P332-334	70-12433-210 <*>
1962 V43 P336-340	70-21140 <*>
1962 V43 N5 P149-152	70-11153-210 <*>

order from NTC

63-10694

Fischer, Franz.
NOTES REGARDING THE DEVELOPMENT OF OUR
BENZINE SYNTHESIS FROM CARBON OXIDE AND
HYDROGEN AT ORDINARY PRESSURE. [1962] 35p.
(figs. omitted) 23 refs.
Order from SLA \$3.60 63-10694

Trans. of Brennstoff-Chemie (Germany) 1930 [v. 11]
15 Dec, p. 489-500.

DESCRIPTORS: *Benzine, Synthesis (Chemistry),
*Carbon compounds, *Oxides, *Hydrogen, Barometric
pressure, Catalysts, Pressure.

(Chemistry--Organic, TT, v. 9, no. 10)

I. Fischer, F.

Office of Technical Services

Hydrocyanic-Acid Formation in Electrical
Discharges, by Kurt Peters, Hans Kuster, 17pp
GERMAN, per, Brennstoff-Chemie, Vol 12, 1931
No 7, pp 122-127
SLA TT-64-20310

Sci - Eng
May 67

327,402

Removal of Nitric Oxide From Coke Oven Gases
by its Catalytic Reduction to Ammonia, by
Hans Tropsch, Robert Kassler, 10pp
GERMAN, per, Brennstoff-Chemie, Vol 12, 1931,
No 18, pp 345-358
SIA TT-64-20860

Sci - Eng
May 67

327,412

Preparation of Coals From Petrographical
Points of View, by K. Lehmann, E. Hoffman, 9 pp.

GERMAN, per, Brennstoff-Chem., Vol XIII, No 2,
15 Jan 1932, pp 21-27.

SIA TR 1985

Sci - Fuels
Jul 57

50,022

New Developments in the Adaptation of Cobalt
Catalysts to the Synthesis of Gasoline, by
F. Fischer.

CHENAN, per, Kunststoff-Chemie, Vol 13, 1932,
pp 61-68.

NASA TT F-12,205

Sci-Chem
Sept 69

391,536

Extraction Studies of Coal-Tar Pitches, by
W. Demann, 12 pp.

GERMAN, for, Brennstoff-Chem, Vol XIV, 1933,
p 121.

SLA 3244

Sci

Aug 58

71,586

The Determination of Carbonization Heat by
Means of a Carbonization Calorimeter, by
Pi Pieper.

GERMAN, per, Brennstoff-Chem, No 11/12,
p 161-171.

Nat'l Coal Board Tr A 1224/ME
U. S. Bureau of Mines
Central Experiment Station
Pittsburgh, Pa.

Sci - Chem

Oct 61

Concerning the Knowledge of the Pressure
Extraction of Bituminous Coal, by G. Keppeler,
H. Borchers, 13 pp.

GHEMAN, per, Brennstoff-Chem, Vol XV, No 13,
1 Jul 1934, pp 241-245.

SIA Tr 1947

Sci - Fuels
Jul 57 57

30,018

Identification of Blauwinkels and the formation of
Compounds, by G. Heppeler, H. Biersberg.

GERMAN, par. Brennstoff-Chemie, Vol XV, 1934,
pp 341-347.

Brutcher Tr No 275

Scientific - Fuels

\$12.00

15,861

Concerning the Knowledge of the Pressure Extraction
of Bituminous Coal (Addition), by G. Keppeler,
H. Borchers, 4 pp.

GERMAN, per, ~~Brennstoff-Chem~~, Vol XV, No 21, 1 Nov
1934, pp 404, 405.

SIA Tr 1946

Sci - Hard Fuels
Jul 57

50,020

Schuster, Fritz, Panning, Günter, and Bülow, Hellmut.
FORMATION OF METHANE IN CARBON-MONOXIDE
AND CARBON-DIOXIDE BEARING GAS MIXTURES IN
THE PRESENCE OF VARIOUS NICKEL CATALYSTS.
[1963] [6p] 2refs

Order from SLA \$1.10

TT-63-20532

Trans. of Brennstoff-Chemie (Germany) 1935, v. 16,
p. 368-369.

DESCRIPTORS: *Fischer-Tropsch synthesis, *Mett-
anea, Synthesis (Chemistry), Gases, Mixtures, *Car-
bon dioxide, *Carbon compounds, *Monoxides, Hydro-
genation, *Nickel catalysts.

(Chemistry--Organic, TT, v. 11, no. 3)

TT-63-20532

I. Schuster, F.
II. Panning, G.
III. Bülow, H.

Office of Technical Services

The Catalytic Reduction of Carbon Dioxide to
Methane and Higher Hydrocarbons at the Normal
Pressure, by Franz Fischer, Th. Bahr, A. Meusel,
9 pp.

CHURMAN, per, Brennstoff-Chem, Vol XVI, 1935,
pp 466-469.

SLA 63-17277 + 63-20533
ABC Tr 2633

Sci - Chemistry

40,173

Hartner-Seberich, R.
GAS PRODUCERS FOR VEHICLES AND THEIR
FUELS: THE STATE OF THEIR DEVELOPMENT
WITH ESPECIAL REGARD TO THE USE OF FOSSIL
FUELS. [1962] 10p. (figs. refs. omitted).
Order from SLA \$1.10 63-10463

Trans. of Brennstoff-Chem[ie] (Germany) 1936, v. 17,
p. 1-11.

DESCRIPTORS: *Fuels, *Gas generator engines,
Gases, Vehicles, Production, *Gas-generating systems.

(Machinery--Engines, TT, v. 9, no. 12)

63-10463

1. Hartner-Seberich, R.

Office of Technical Services

New Processes in the Sphere of Gas
Production, by Jordan.
GERMAN, per Brennst.-Chem. Vol. 17, No. 11
1935, pp 206
GFC

Sci -
Aug 67

337-606

Küster, Hans.
REDUCTION OF CARBON DIOXIDE TO METHANE
WITH IRON CONTACT AGENTS AT ATMOSPHERIC
PRESSURE. [1963] 11p 16refs
Order from SLA \$1.60

TT-63-20538

Trans. of Brennstoff-Chemie (Germany) 1936, v. 17,
p. 203-206.

DESCRIPTORS: *Fischer-Tropsch process, *Methane,
Synthesis (Chemistry), *Carbon dioxide, Reduction
(Chemistry), Hydrogenation, *Iron catalysts.

(Chemistry--Organic, TT, v. 11, no. 3)

TT-63-20538

L. Küster, H.

Office of Technical Services

Koster, Hans.

REDUCTION OF CARBON DIOXIDE TO HIGHER
HYDROCARBONS AT ATMOSPHERIC PRESSURE WITH
CATALYSTS OF THE FERRIC GROUP. [1963] 23p
(Sign ordered) 3refs
Order from SLA \$1.60

68-20634

Trans. of Breitenhoff-Chemie (Germany) 1936, v. 17,
p. 221-228.

DESCRIPTORS: *Carbon dioxide, *Catalysts, *Iron
catalysts, Reduction (Chemistry), Hydrocarbons,
*Gasoline, Barometric pressure

(Chemistry--Organic, TT, v. 10, no. 12)

68-20634

1. Title: Fischer-Tropsch
synthesis
1. Koster, H.

Office of Technical Services

Tests Concerning the Production of Light
Benzene From Kogasin II Through Cracking,
by K. Peters. K. Winzer, 30 pp.

GERMAN, per, Brennstoff-Chem, Vol XVII,
1936, p 301.

SIA Tr 2423

53,041

Sci -Chemistry
Sep 57

Method of Designation and Types of Occurrences 1.
Hard-Coal Petrography, by E. Hoffmann; 24 pp

GERMAN, per, Brennstoff-Chem, Vol XVII, No 10,
15 Sep 1935, pp 341-351.

SIA Tr 3064

Sci
May 58

63,522

Schaltes, W.
SOLID FUELS IN GENERATOR OPERATION FOR
HIGHWAY VEHICLES. [1962] 5p. (figs. tables omitted).
Order from SLA \$1.10 63-10460.

Trans. of Brennstoff-Chemie (Germany) 1937, v. 17
[no. 2] p. 61-67.

DESCRIPTORS: Solids, *Fuels, *Gas generator engines,
Charcoal, Wood, Coke, Passenger vehicles.

(Materials--Fuels, TT, v. 9, no. 12)

1. Schaltes, W.

Office of Technical Services

Contribution to the Knowledge of Hamis Acids, by
I Ubaldini.
GERMAN, per, Brennstoff Chemie, 1937
QPC

Sci -
Aug 67

336-014

The Influence of Sulfur on the Hydrogenation of
Low-Temperature Carbonization Tars, by H. Winter,

GERMAN, per, Brennstoff-Chemie, Vol XVIII, 1937,
pp 320-323.

Dept of Interior
TN 7, E 57
No 52

Sci - Chem

Dep 59

96,511

On the Discovery and Synthesis of New Highest
Molecular Paraffins, by Helmut Pichler.
GERMAN, per, Brennstoff-Chemie, Vol XIX,
1938, No 12, pp 226-230.
SLA TT 64-20134
(LOAN)

Apr 67

323,063

The synthesis of Paraffin from Carbon
Monoxide and Hydrogen upon Cobalt
Catalysts (Medium Pressure Synthesis),
by F. Fischer, H. Michler, 13 pp.
GERMAN, par, Brennstoff-Chemie, Vol 20,
No 3, 1939, pp 41-49.
SLA TT-64-30655

396,828

Sci
Aug 67

62-20127

Roth, F. and Schulz, A.
A METHOD FOR THE DETERMINATION OF THE
MOISTURE CONTENT IN GASES (Eine Methoden zur
Feuchtigkeitsbestimmung in Gasen). [1962] [6]p. 4 refs.
Order from SLA \$1.10 62-20127

I. Roth, F.
II. Schulz, A.

Trans. of Brennstoff-Chemie (Germany) 1939, v. 20,
p. 317-319.

DESCRIPTORS: *Gases, *Moisture, Determination,
*Volumetric analysis.

After a critical consideration of the current methods of
moisture determination of gases, a new method is de-
scribed which is based on the reaction between magnesium
nitride and water resulting in the formation of ammonia,
and which makes it possible to carry out sufficiently
accurate determinations by titration. The particular
virtue of this method, which requires less time, is its
(Chemistry--Analytical, TT, v. 9, no. 7) (over)

Office of Technical Services

Problem of the Electromotive Combustion of
Fuels, by E. Baur.

GERMAN, per, Brennstoff-Chem., Vol IX, No 22,
15 Nov 1939, pp 385-387.

Dept of Int
US Bur of Mines
Central Exper Sta
Pitts., Pa. Tr 41

Sci - Chem, Fuels

Jun 59

88, 554

Influence of Increased Gas Pressure in Low-Temperature
Carbonization of Bituminous Coal, by Heins Sustmann,
Karl-Heinz Ziesecke.

GERMAN, per, Brennstoff-Chemie, Vol XXI, No 4, 1940,
pp 37-42.

Dept of Interior
TN7, E57, No 332

Sci - Fuels
Oct 60

128,660

Trifonow, I. and Toschew, G.
CHANGES IN THE PROPERTIES OF COAL AFTER
PRESSING AT VERY HIGH PRESSURES. [1962] [15]p.
2 refs.
Order from SLA \$1.60 62-18949

Trans. of Brennstoff-Chemie (Germany) 1940, v. 21,
p. 85-87.

DESCRIPTORS: Transformations, *Cool, Chemical
analysis, *High pressure research, Bitumens, Physical
properties, Chemical properties.

(Materials--Fuels, TT, v. 9, no. 10)

62-18949

I. Trifonow, I.
II. Toschew, G.

Office of Technical Services

Investigations on the Solid-Paraffin Hydrocarbons From Fischer-Tropsch Benzine Synthesis (Normal-Pressure Synthesis, by Herbert Koch, Reinhold Billig, 28 pp.

CHROMAN, per, Brametoff-Chanda,
Vol XII, No 14, 1940, pp 157-167.

SLA 60-18405

Sci
Vol IV, No 11
Jun 62

199, 231

Production of Lubricants From Solid
Paraffin Hydrocarbons of the Fischer-Tropsch
Synthesis (Normal-Pressure Synthesis)
Using Their Olefin-Rich Cracking Distil-
lates, by Herbert Koch, ~~W~~ Reinhold,
22 pp.

GERMAN, per, Brennstoff-Chemie,
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*Mineral oils.

The lowest filtrate solidifying points are obtained with
all the solvents suitable for deparaffination by work in
the phase region; thereby the paraffin residue is very
oleiferous. Oil-poor residues and unsatisfactory
solidifying points are obtained only by work in the homo-
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